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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/988,764	11/20/2001	Elliott R.D. Mitchelmore	P 283024	9088
909	7590	10/19/2004	EXAMINER	
PILLSBURY WINTHROP, LLP			GAUTHIER, GERALD	
P.O. BOX 10500			ART UNIT	
MCLEAN, VA 22102			PAPER NUMBER	
			2645	3

DATE MAILED: 10/19/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/988,764

Applicant(s)

MITCHELMORE, ELIOTT R.D.

Examiner

Gerald Gauthier

Art Unit

2645

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-36 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-36 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. **Claims 1-15 and 17-25** are rejected under 35 U.S.C. 102(e) as being anticipated by Rouse et al. (US 6,757,530).

Regarding **claim 1**, Kennedy discloses a content delivery and management system, wherein the content is provided by a content provider over a network based on at least one request from an end user received by the system (column 1, lines 18-21), the system comprising:

a content provider-specific component configured to transmit content published by the content provider over a network via at least one content channel (column 9, lines 20-35) [The service centers 16 provides services to the user over the voice network 18 via the global computer network 98];

a system-specific component configured to interact with the content provider-specific component to transmit at least one content request from the end user to the

content provider-specific component (column 9, lines 36-43) [The user interface 22 and the platform 24 enable a variety of features and functions to the mobile unit 12]; and a web management component associated with at least one user device and configured to transmit the at least one content request to the system-specific component and receive requested content from the content provider-specific component via the at least one channel over the network (column 25, lines 42-56) [The data access parameters 422 includes LAN or WAN addresses, Uniform Resource Locator accessing the Internet as a web management component].

Regarding **claim 2**, Kennedy discloses the content provider-specific component is configured to support transmission of content to the web management component and wherein the web management component is configured to output an alert to an end user that newly available content (column 25, lines 42-56).

Regarding **claim 3**, Kennedy discloses the content is dynamic (column 9, lines 20-35).

Regarding **claims 4 and 29**, Kennedy discloses the network is a wireless network (column 4, lines 29-37).

Regarding **claim 5**, Kennedy discloses the web management component is resident on at least one end user device and is configured to support display of received content in at least one of the end user device's PIMs (column 7, lines 34-67).

Regarding **claim 6**, Kennedy discloses the web management component is configured to enable display of content including chronological data in a calendar-related PIM (column 7, lines 34-67).

Regarding **claim 7**, Kennedy discloses the web management component is configured to display content including dynamic travel data in an address book-related PIM (column 17, lines 5-20).

Regarding **claim 8**, Kennedy discloses content associated with time specific events is associated with an expiration date that indicates when that content may be discarded (column 4, lines 38-51).

Regarding **claim 9**, Kennedy discloses the system is configured to support delivery of content related to at least one of personalized television guide, adult entertainment, ticketing customer service, online gaming, electronic books and publications, a news-feed service, music download and replay, television previews and scheduling, recruitment and contracting, listings and entertainment, betting and

gambling, personal investment portfolios and entertainment previews (column 14, lines 19-35).

Regarding **claim 10**, Kennedy discloses a content management subsystem configured to support initialization of the at least one channel by supporting templates for mapping data fields and content (column 6, lines 29-39);

at least one packet engine configured to format and compress content into a content package (column 5, lines 10-21); and

a user gateway configured to administer registration, authentication and delivery of directories (column 5, lines 54-64).

Regarding **claim 11**, Kennedy discloses the content management subsystem is a web-based application (column 13, lines 9-28).

Regarding **claim 12**, Kennedy discloses the data content provider-specific component further includes at least one channel specific database and the content management subsystem is configured to receive configuration data based on its requests, set up channels and format content from the content provider and provide details about published channels to the at least one channel specific database (column 5, lines 22-39).

Regarding **claim 13**, Kennedy discloses the at least one channel specific database is coupled to and provides information related to channel lists and subscription details to the web management subsystem (column 5, lines 22-39).

Regarding **claim 14**, Kennedy discloses the content management subsystem is configured to provide formatted content to the packet engine, which is figured to dynamically format and compress content associated with the at least one channel (column 5, lines 10-21).

Regarding **claim 15**, Kennedy discloses the at least one channel is associated with a specific piece of content that the content provider makes available via the delivery and management system (column 6, lines 18-28).

Regarding **claim 16**, Kennedy discloses the system-specific component and the content provider-specific component are configured to cooperate to support display of a user interface to the content provider, the user interface allowing entity of data used to build the at least one channel (column 4, lines 17-21).

Regarding **claim 17**, Kennedy discloses the user interface is a graphical user interface that includes at least one of a channel code field, a channel name field, a description field, a route universal resource locator field, a content type field, content

category field, a privacy indicator field, a static indicator field, an express indicator field and an expiry date field (column 4, lines 29-37).

Regarding **claim 18**, Kennedy discloses the system-specific component and the web management subsystem component are configured to cooperate to support output of a subscription management interface to an end user, the subscription management interface including at least one of a list of subscribed to channels, an indication of a PIM associated with each subscribed to channel and a section associated with subscribing to additional channels, the section including a field where the end user may enter a code associated with a particular channel to add that channel to their subscription or a list of channels associated with a particular service from which the user may select from (column 7, lines 34-67).

Regarding **claim 19**, Kennedy discloses the at least one channel is associated with a support group of channels, which includes at least one channel that supplies supporting content for the at least one channel (column 8, lines 11-29).

Regarding **claim 20**, Kennedy discloses the web management subsystem is configured to receive input from an end user regarding at least one content request of the end user (column 13, lines 9-28).



Regarding **claim 21**, Kennedy discloses the web management subsystem coordinates receipt of requested content from the content provider over the network (column 13, lines 9-28).

Regarding **claim 22**, Kennedy discloses the web management subsystem formulates the content requests based on information received from an end user (column 13, lines 9-28).

Regarding **claim 23**, Kennedy discloses the web management subsystem transmits the content requests over the network to the system-specific component (column 13, lines 9-28).

Regarding **claim 24**, Kennedy discloses the system-specific component is configured to analyze the content requests and generate and transmit content request and formatting information to the content provider-specific component (column 7, lines 39-53).

Regarding **claim 25**, Kennedy discloses the web management subsystem includes a mobile device subscription manager and a desktop subscription manager, each of which being configured to enable an end user to manage received content (column 13, lines 9-28).

Regarding **claim 26**, Kennedy discloses the web management subsystem further includes at least one data structure configured to store user-specific data (column 13, lines 9-28).

Regarding **claim 27**, Kennedy discloses the web management subsystem includes a note launching application that enables a specific application to be launched from a note icon attached to a diary or to-do list entry associated with an alert in a diary of an end user's device associated with the web management subsystem as a prompt to view received content (column 13, lines 9-28).

Regarding **claim 28**, Kennedy discloses a content delivery and management method (column 1, lines 18-21), comprising:

receiving a content request from an end user (column 10, lines 64-67) [The mobile unit 12 generates a request for service];

analyzing the content request to determine the requested content and a requested format for the requested content (column 11, lines 13-29) [The processor 38 determines the priority of the service based on the nature of the input event]; and

transmitting information indicating the requested content and the requested format for the requested content to a content provider associated with the requested content, wherein, the method enables transmission of content over a network via at least one content channel to the end user who requested the content (column 12, lines

1-12) [The service center 16 receives the information and transmits the information to the mobile unit 12 using the voice network 18 via the NSC 14].

Regarding **claim 30**, Kennedy discloses formatting the content for delivery through a content delivery and management system included in the content provider-specific component (column 11, lines 30-50).

Regarding **claim 31**, Kennedy discloses the formatting content includes utilizing the content management subsystem to set up field mappings by locating and connecting to an open database connectivity content source and mapping available data fields to appropriate placeholders in a template for each channel (column 6, lines 29-39).

Regarding **claim 32**, Kennedy discloses the method further composes dynamically formatting data, using a at least one packet engine of the content delivery and management system, from a content provider 's data source as channel content is requested by the end user (column 5, lines 22-39).

Regarding **claim 33**, Kennedy discloses receiving user-specific information from the end user during a user registration process in which the information is received from the end user via a user interface associated with a web-site associated with a content delivery and management system (column 13, lines 9-28).

Regarding **claim 34**, Kennedy discloses receiving transaction specific information after the end user has made an associated electronic-commerce transaction (column 11, lines 51-67);

outputting content enabling the display of a confirmation page to an end user browser, the confirmation page including a system icon with transaction identification data included as a hidden parameter (column 11, lines 51-67);

extracting details associated with the end user from the transaction specific information (column 11, lines 51-67); and

associating the end user with a channel used to deliver content associated with the electronic-commerce transaction (column 11, lines 51-67).

Regarding **claim 35**, Kennedy discloses receiving indication of interaction of the end user with the system icon on the confirmation page (column 11, lines 51-67); and

receiving indication of a request of an end user to deliver the information associated with the electronic-commerce transaction to the end user (column 11, lines 51-67).

Regarding **claim 36**, Kennedy discloses packaging the requested information; transmitting the packaged information to the end user (column 11, lines 51-67); and

integrating the transmitted information into at least one device associated with the end user (column 12, lines 1-12).

### ***Conclusion***

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Jiang et al. is cited for a device aware Internet Portal (FIG. 2).

Himmel et al. is cited for using electronic documents within a smart phone (FIG. 1).

Weisshaar et al. is cited for evaluating remote services based upon transport characteristics (FIG. 1).

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gerald Gauthier whose telephone number is (703) 305-0981. The examiner can normally be reached on 8:00 AM to 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fan Tsang can be reached on (703) 305-4895. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

**GERALD GAUTHIER**  
**PATENT EXAMINER**

g.g.  
October 18, 2004

**FAN TSANG**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 2600**

A handwritten signature in black ink, appearing to read 'Fan Tsang', with a long horizontal stroke extending to the right.